

List of All Chemicals

P Anisodus tanguticus (Solanaceae)

Common name(s)

Zang Qie

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Part	All	Low PPM	High PPM	StdDev	*Reference
ALKALOIDS	Root		--	26300.0	0.36	*
ALKALOIDS	Sprout Seedling		--	29300.0	1.0	*
ANISODAMINE	Plant		--	--		*
Activities (21)						
Anesthetic			Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.			
AntiMeniere's						
AntiSeptic-Shock			Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.			
Antiaggregant						
Anticerebrothrombotic 10-20 mg/man/day			Huang, K. C. 1993. The Pharmacology of Chinese Herbs. CRC Press, Boca Raton, FL 388 pp.			
Anticholinergic				Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.		
Antidiysenteric				Nigg, H.N. and Seigler, D.S., eds. 1992. Phytochemical Resources for Medicine and Agriculture. Plenum Press, New York. 445 pp.		
Antiedemic						
Antiencephalomyelitic						
Antienteric						
Antimeningitic						
Antinephritic						
Antisialagogue						
Antispasmodic						
Arteriodilator						
CNS-Stimulant						
Calcium-Antagonist 0.164 mM rat						
Calcium-Antagonist 0.1 mg/ml rat						
Parasympatholytic						
Pesticide						
Vasculodeobstruent						
ATROPINE	Plant		--	--		*

Activities (51)

Allergenic				
Analgesic				
Anesthetic	Martindale's 29th			
Anhydrotic				
Antianoxic	Martindale's 29th			
Antiarrhythmic 400-1,000 ug				
Antiasthmatic	Martindale's 28th			
Antibradycardic 300-600 ug/ims/man/day	Martindale's 28th			
Anticholinergic 0.55 mg/kg orl mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.			
Anticholinergic 10 mg/kg orl rat	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.			
Antidote (Anticholinesterase) 2 mg/man/ims	Martindale's 29th			
Antidote (Black Widow)	Martindale's 29th			
Antidote (Lobelia) 2 mg scu	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Antidote (Muscarine)				
Antidote (Mushroom)	Martindale's 30th			
Antidote (Organophosphorus) 2-10 mg/ims/man	Martindale's 29th			
Antidote (Poison Gas)				
Antidote (Tetrodotoxin)				
Antiemetic	Martindale's 29th			
Antiemphysemic	Martindale's 29th			
Antienuretic	Martindale's 28th			
Antiherpetic				
Antiiritic	Martindale's 30th			
Antimuscarinic	Martindale's 29th			
Antiparkinsonian	Martindale's 29th			
Antiperistaltic				
Antiperspirant	Martindale's 29th			
Antipertussic	Martindale's 29th			
Antipolio				
Antisialogogue	Martindale's 28th			
Antispasmodic	Merck 11th Edition			
Antiulcer 500 ug/3 x/day/man	Martindale's 28th			
Antiuveitic	Martindale's 30th			
Antivertigo				
Antiviral				
Bronchodilator				
CNS-Depressant	Martindale's 28th			
CNS-Stimulant				
Choleretic				
Hyperpyrexic	Merck 11th Edition			
Insecticide	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.			
Mydriatic	Merck 11th Edition			
Myorelaxant	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Neurotoxic	R.J. Hixtable (Huxtable, R.J. (as T. Max). 1992. This and That:The Essential Pharmacology of Herbs and Spices. Tips 13:15-20 Huxtable, R.J. 1992b. The Myth of Benfient Nature. The Risk of Herbal Preparations. Ann. Intern. Med. 117(2):165-6; Huxtable, R.			
Paralytic				
Pesticide				
Psychotomimetic	R.J. Hixtable (Huxtable, R.J. (as T. Max). 1992. This and That:The Essential Pharmacology of Herbs and Spices. Tips 13:15-20 Huxtable, R.J. 1992b. The Myth of Benfient Nature. The Risk of Herbal Preparations. Ann. Intern. Med. 117(2):165-6; Huxtable, R.			
Tachycardic 2 mg/orl/man	Martindale's 28th			
Transdermal	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.			
Tumorigenic	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.			
Vasodilator	Merck 11th Edition			

CHLOROAUREATE?	Plant	--	--	*
CUSCOHYGRINE	Root	--	--	*
HYOSCYAMINE	Plant	--	--	*

Activities (27)

Analgesic	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. <i>The Medicinal and Poisonous Plants of Southern and Eastern Africa</i> . E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
Anticholinergic 150-300 ug 4 x/day/man	Martindale's 29th
Antidote (Anticholinesterase)	Martindale's 29th
Antiemetic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Antiherpetic	
Antimeasles	
Antimuscarinic	Martindale's 29th
Antineuralgic	
Antiparkinsonian	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Antipolio	
Antisialagogue	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Antispasmodic	
Antiulcer	Martindale's 29th
Antivertigo	
Antivinous	
Antiviral	
Bronchodilator	
Bronchorelaxant	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.
CNS-Depressant	Huang, K. C. 1993. <i>The Pharmacology of Chinese Herbs</i> . CRC Press, Boca Raton, FL 388 pp.
CNS-Stimulant	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Cardiotonic	
Mydriatic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Pesticide	
Photophobigenic	
Psychoactive	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. <i>The Medicinal and Poisonous Plants of Southern and Eastern Africa</i> . E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
Sedative	
Toxic	

L-HYOSCYAMINE	Shoot	--	4000.0	*
L-SCOPOLAMINE	Shoot	--	2600.0	*
SCOPOLAMINE	Plant	--	--	*

Activities (41)

Allergenic	
Amnesigenic 600 ug/man/ivn	Martindale's 29th
Analgesic	
Anesthetic	Martindale's 28th
AntiMeniere's	Martindale's 29th
Antianoxic	Martindale's 29th
Antiasthmatic	
Anticholinergic 1.5 mg/kg orl rat	
Anticonvulsant 5 mg/kg ipr mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Antideliriant	Martindale's 28th
Antidote (Anticholinesterase)	Martindale's 29th
Antidote (Tetrodotoxin)	
Antiemetic	Martindale's 29th
Antiherpetic	
Antihiccup 300 ug/man/	Martindale's 28th
Antiinflammatory	
Antimanic	Martindale's 29th
Antimeasles	
Antimuscarinic	Martindale's 29th
Antiparkinsonian	Martindale's 28th
Antipolio	
Antisialagogue	Martindale's 29th
Antispasmodic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, Londón. 791 pp.
Antispermatorheic	
Antiulcer	Martindale's 29th
Antivertigo 500 ug/3-days/transdermal	Martindale's 29th
Antiviral	
Bronchodilator	
CNS-Depressant	Iwu, M.M. 1993. Handbook of African Medicinal Plants. CRC Press, Boca Raton, FL 435 pp.
Cardiodepressant	
Cyclopepic	Martindale's 29th
Dermatitogenic	
Hyperkinetic 1 mg/kg ipr mus	
Hypnotic	Martindale's 28th
Mydriatic 1 mg/kg scu	
Photophobigenic	
Preanesthetic	Merck 11th Edition
Psychoactive	
Sedative 0.5-1 mg/orl/man	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Sedative 13 mg/kg scu rat	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Tachycardic	Martindale's 29th